



FEMA



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FEMA Region 6 Weather Threat Briefing

Friday, May 25, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Severe storms possible in **W & Central OK** and **NW TX** this afternoon and evening; damaging winds and large hail are the main threats

Saturday

- Elevated fire weather conditions possible over much of **NM**

Sunday – Tuesday

- Increasing confidence in a tropical or subtropical system approaching the central or eastern **Gulf Coast** late **Sunday** into **Monday**.
 - If the track of this system shifts any further west, there is a possibility of some heavy rain as far west as **SE LA**

Tropical Weather Outlook

- The low pressure system located over the **NW Caribbean Sea** has become better defined overnight. Environmental conditions are forecast to steadily become more conducive for development, and a subtropical or tropical depression or storm is likely to form by **Saturday** over the **NW Caribbean Sea** or the **SE Gulf of Mexico**.
 - Formation chances in 48 hours...high...**90** percent.
 - Formation chances in 5 days...high...**90** percent.

FEMA Region 6 Threat Matrix

May 25, 2018 – May 29, 2018



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DAY / THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	W & Central OK, NW TX				
Heavy Rain / Flash Flooding			SE LA →		
Fire Weather		NM			
Tropical Weather			Central & Eastern Gulf Coast (Should remain E of Region 6) →		
River Flooding			SE LA →		

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

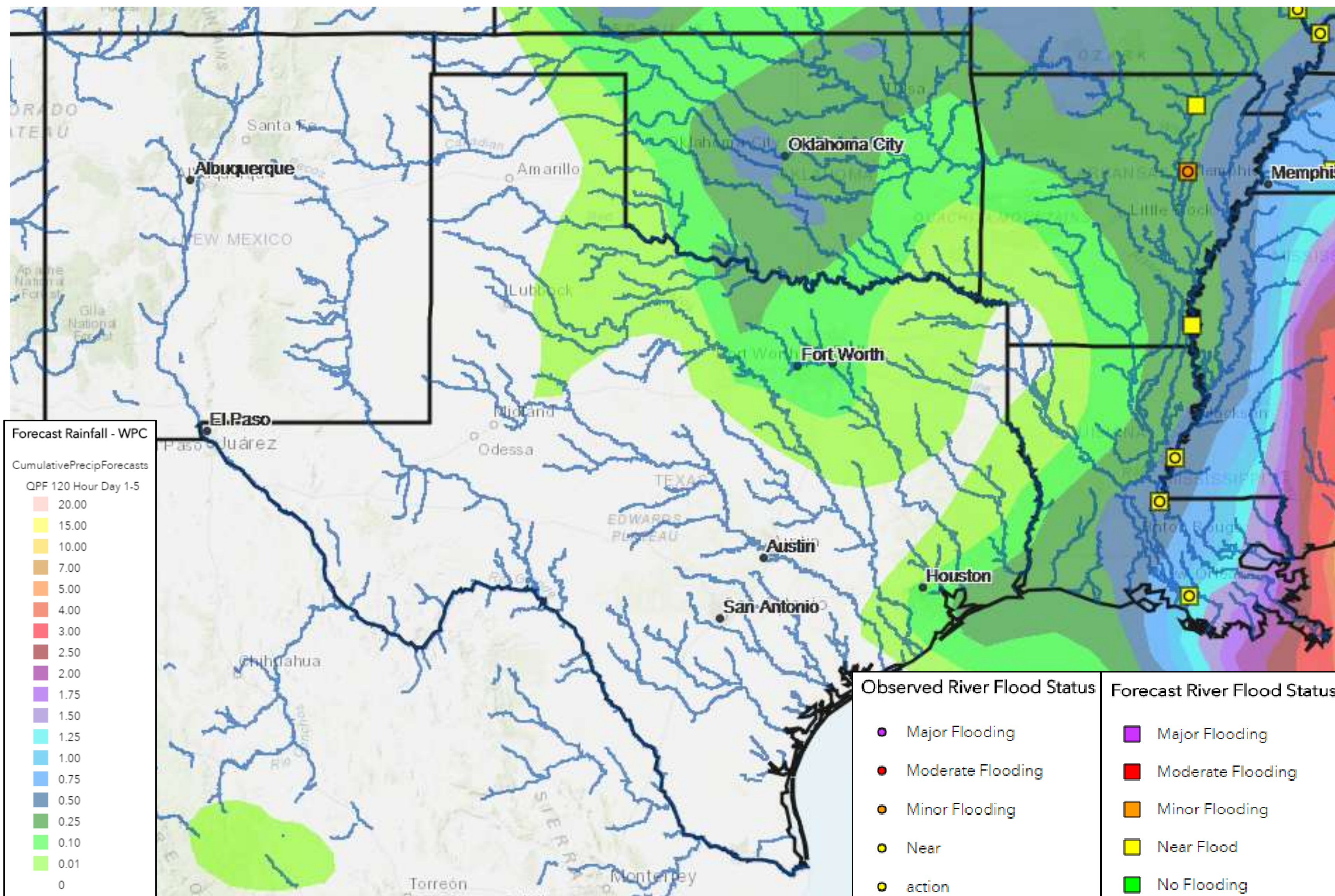
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



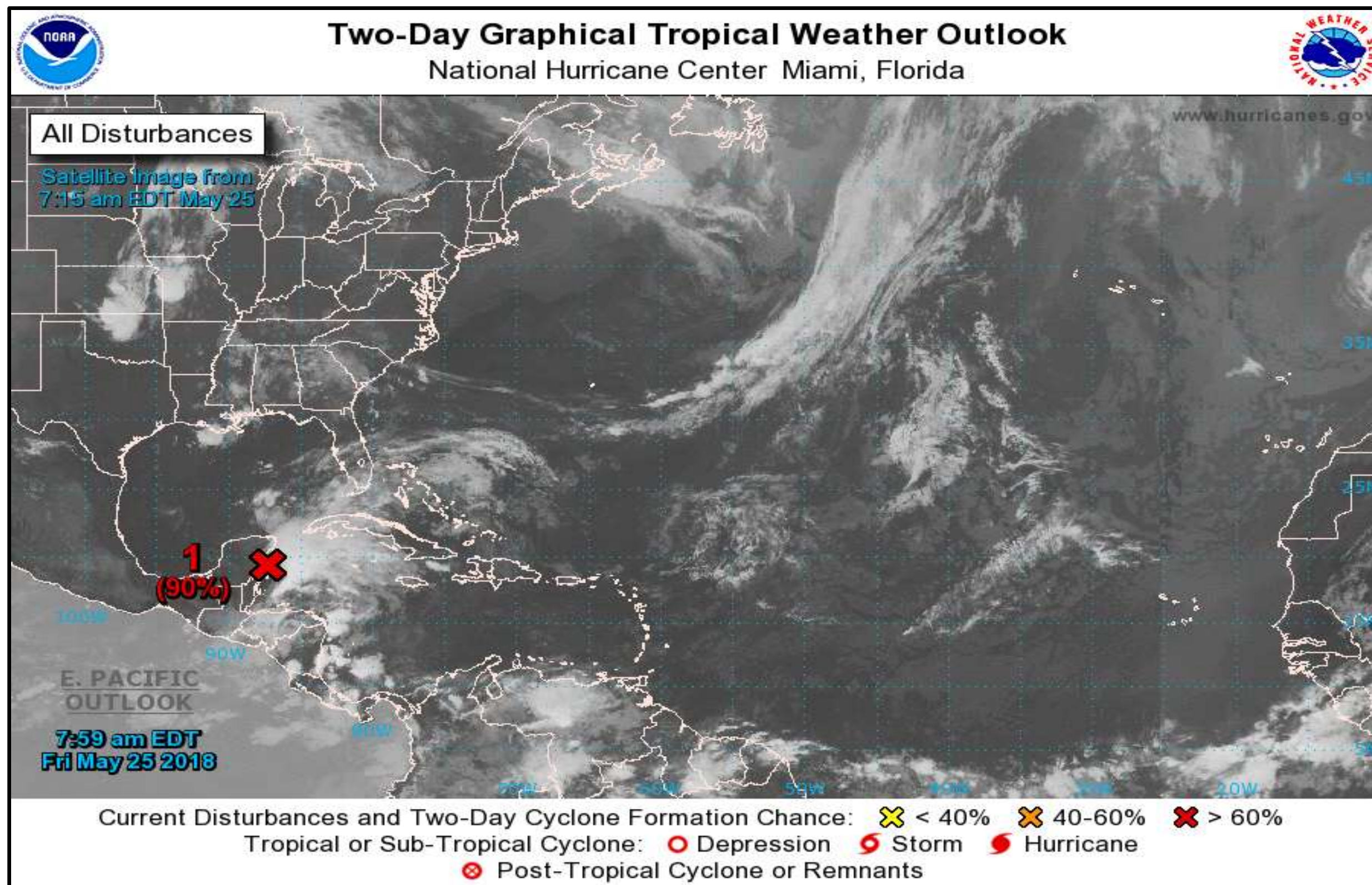
Minor flooding from planned releases continues on the Cache River in AR.

An tropical or subtropical is expected to move into central/eastern Gulf this weekend and will likely produce heavy rainfall somewhere along the central to eastern Gulf Coast this weekend into the first half of next week. While the forecast now keeps the heavier rainfall east of Region 6, some heavy rain may be possible in SE LA and this may lead to some minor (isolated) river flooding.

Tropical Weather Outlook



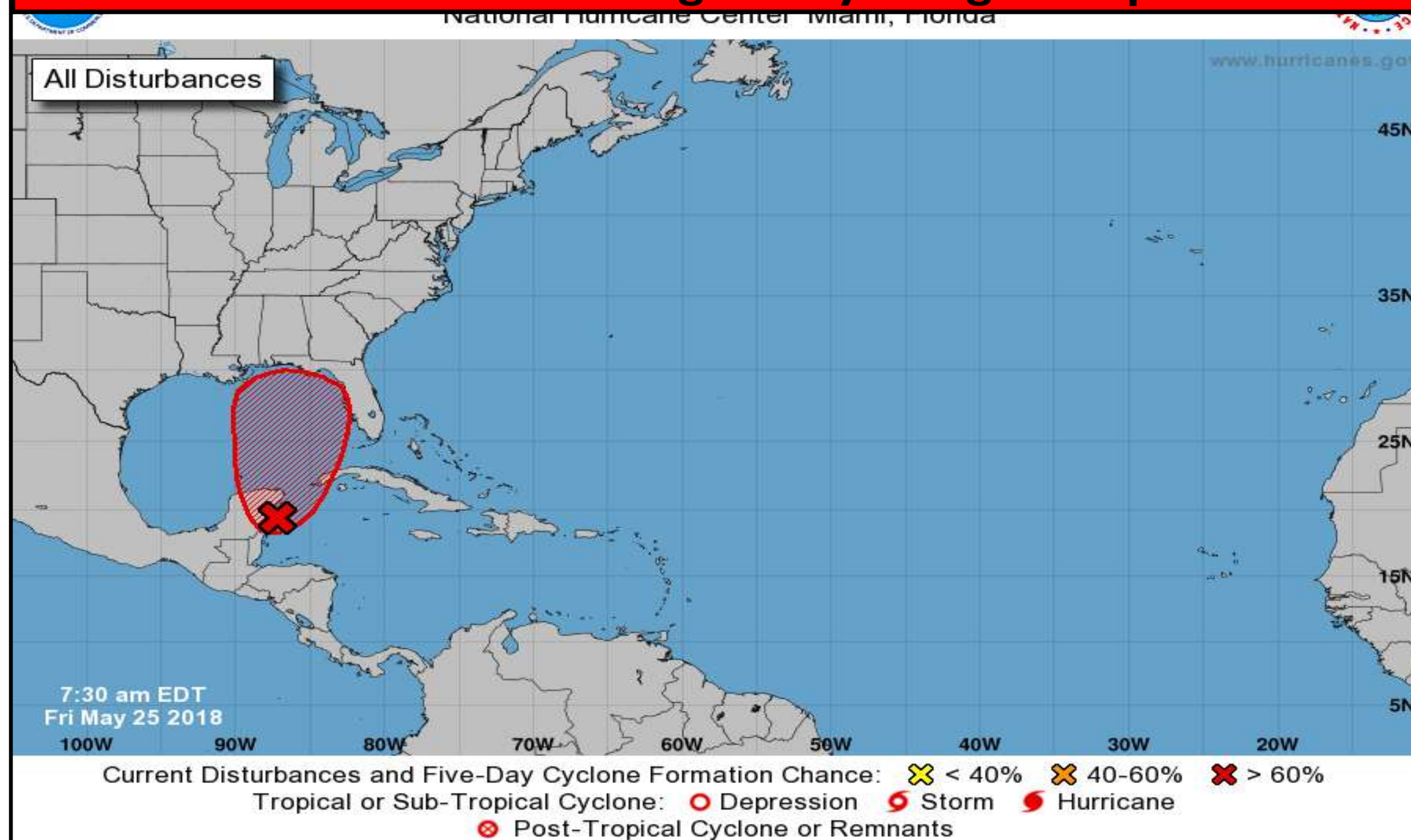
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The low pressure system located over the NW Caribbean Sea has become better defined overnight. Environmental conditions are forecast to steadily become more conducive for development, and a subtropical or tropical depression or storm is likely to form by Saturday over the NW Caribbean Sea or the SE Gulf of Mexico.

**Formation chance through 48 hours...high...90 percent.
Formation chance through 5 days...high...90 percent.**

Potential impacts to FEMA Region 6:
If the system tracks towards the middle/eastern Gulf coast, there should be little in the way of impacts to Region 6. Any shift in the track to the west, however, could bring heavy rainfall to SE LA. The threat of rip currents will steadily increase along the Gulf coast of Louisiana over the Memorial Day weekend.

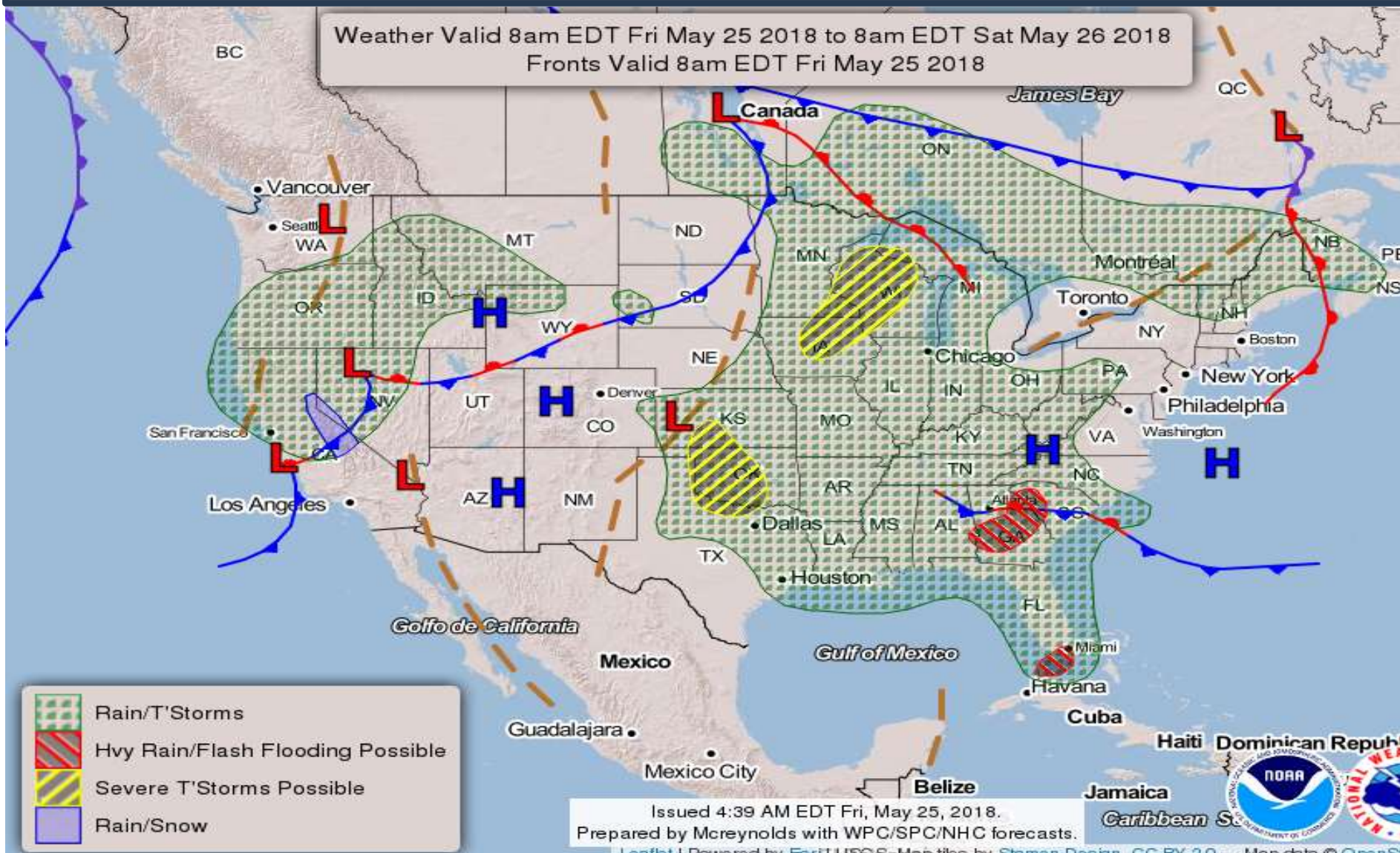


Today's Weather



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Forecast Chart

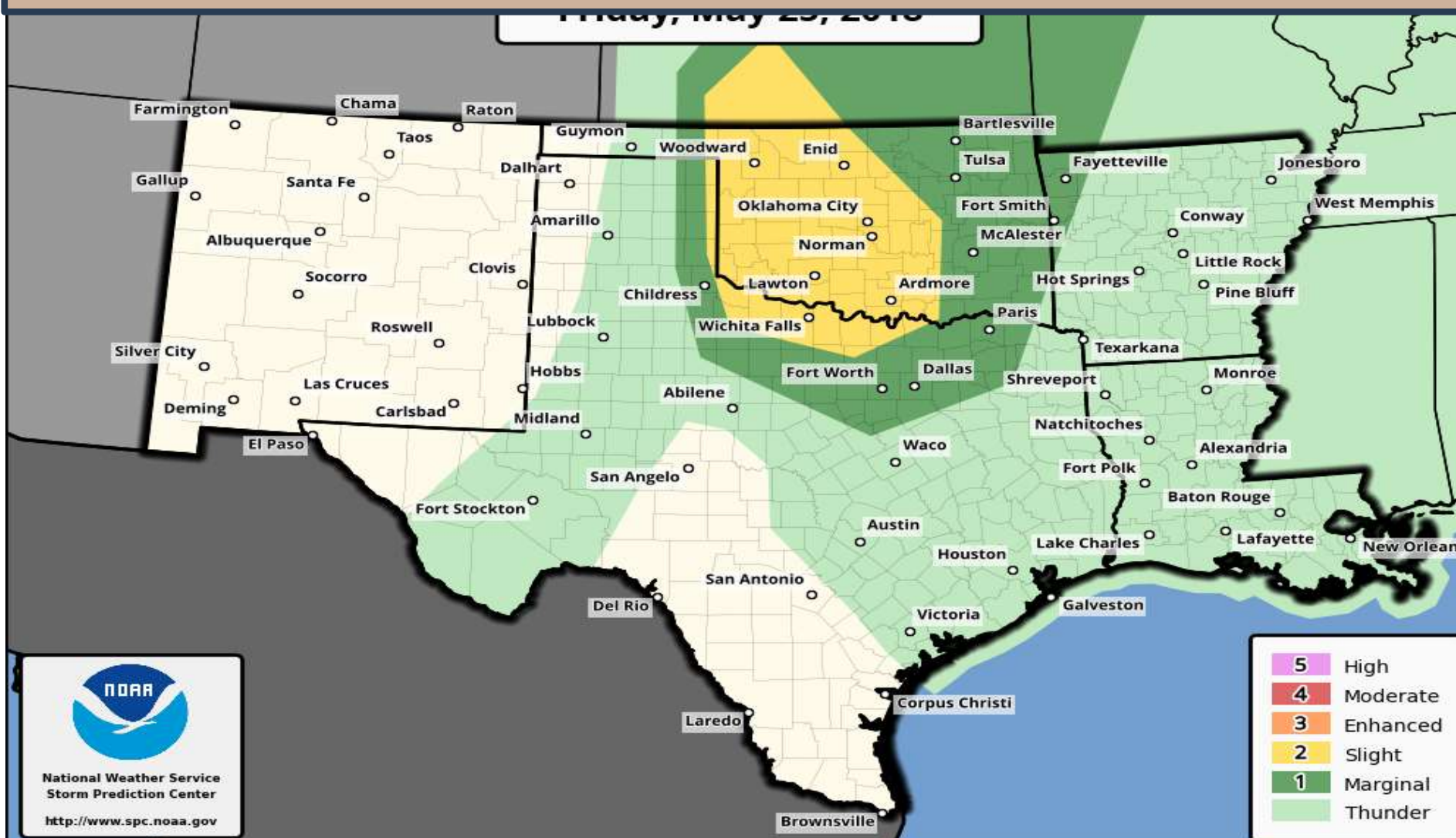


Forecast Rainfall



Severe storms possible in W & Central OK and NW TX this afternoon and evening. Damaging wind gusts and large hail are the main threats.

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather

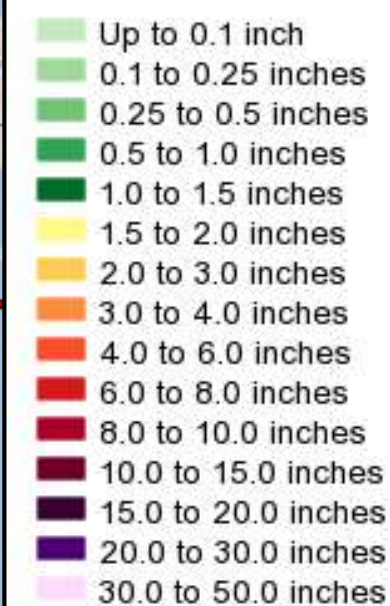
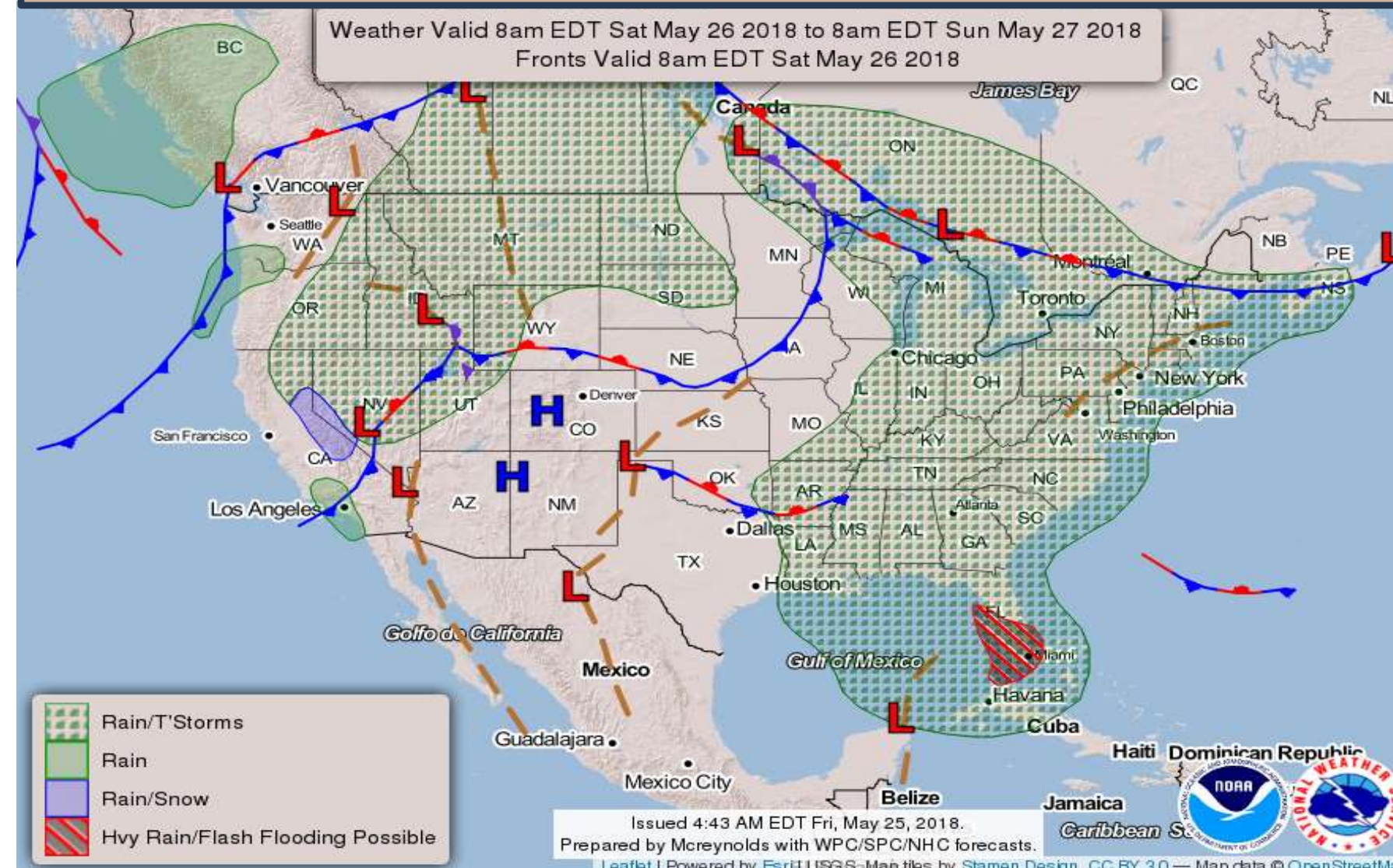


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Forecast Chart

Forecast Rainfall

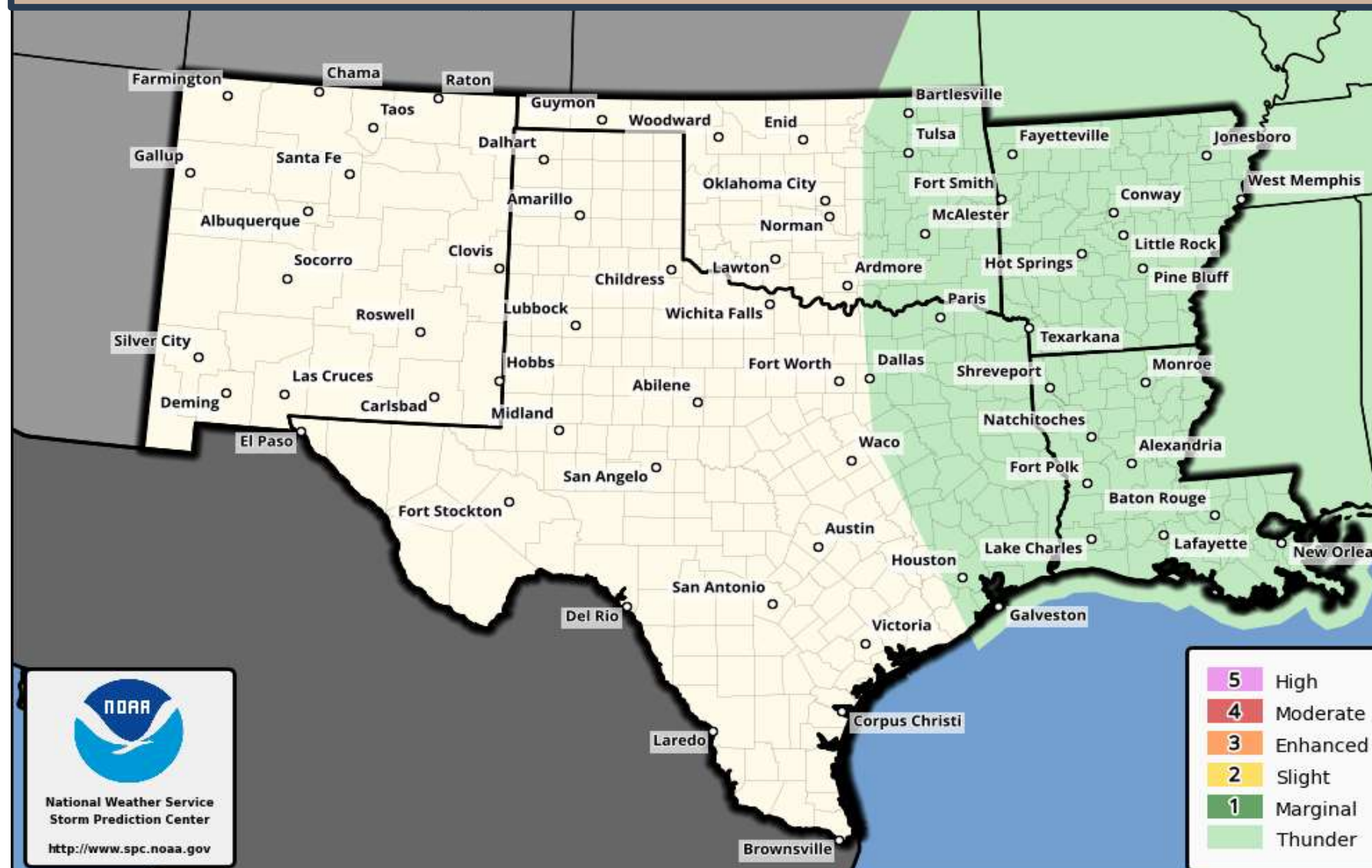
Elevated to critical fire weather conditions are possible across much of NM in the afternoon/evening.



Graphic Created
May 25th, 2018
7:33 AM CDT

Severe Weather Outlook

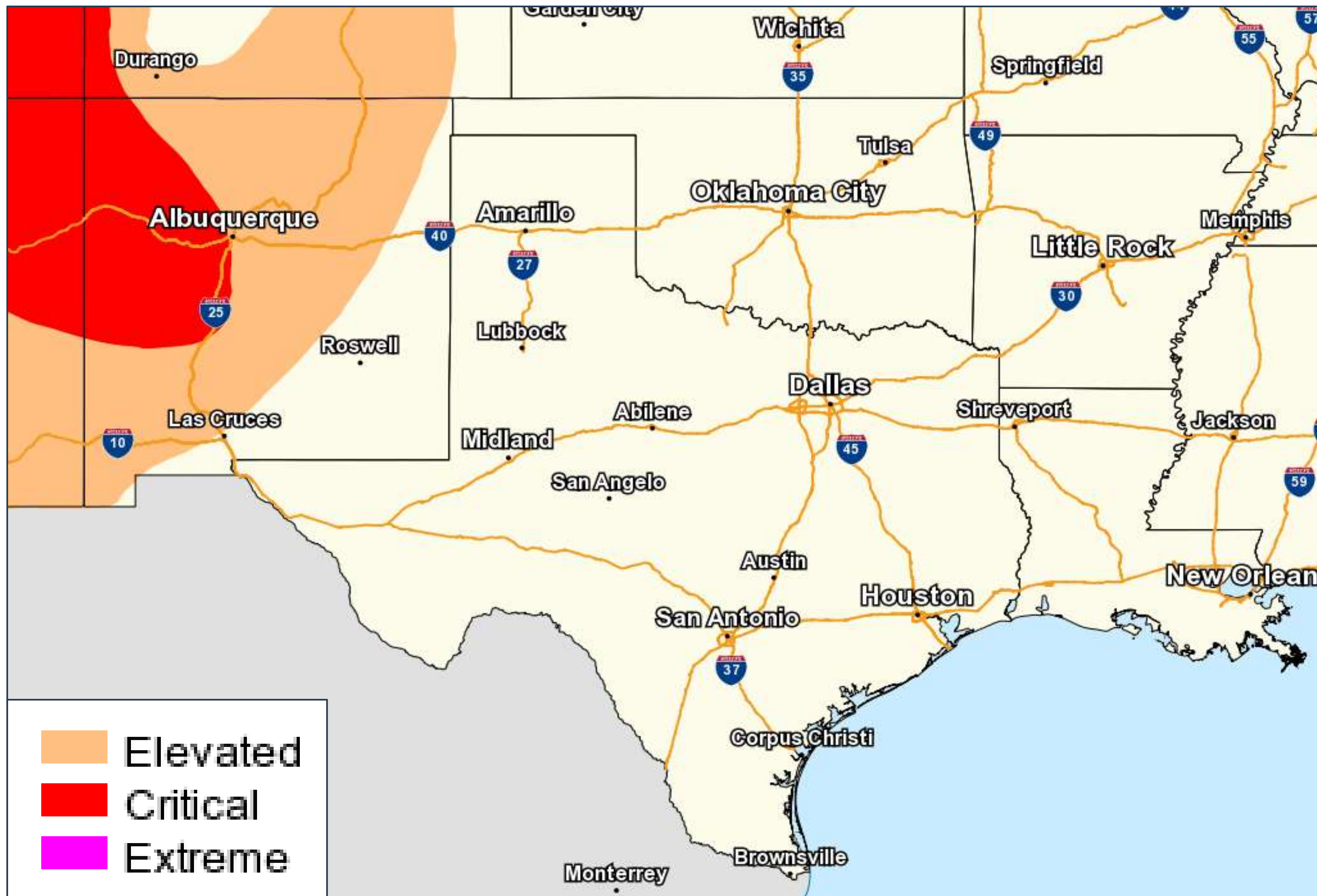
Excessive Rainfall Outlook



Tomorrow's Fire Weather Outlook



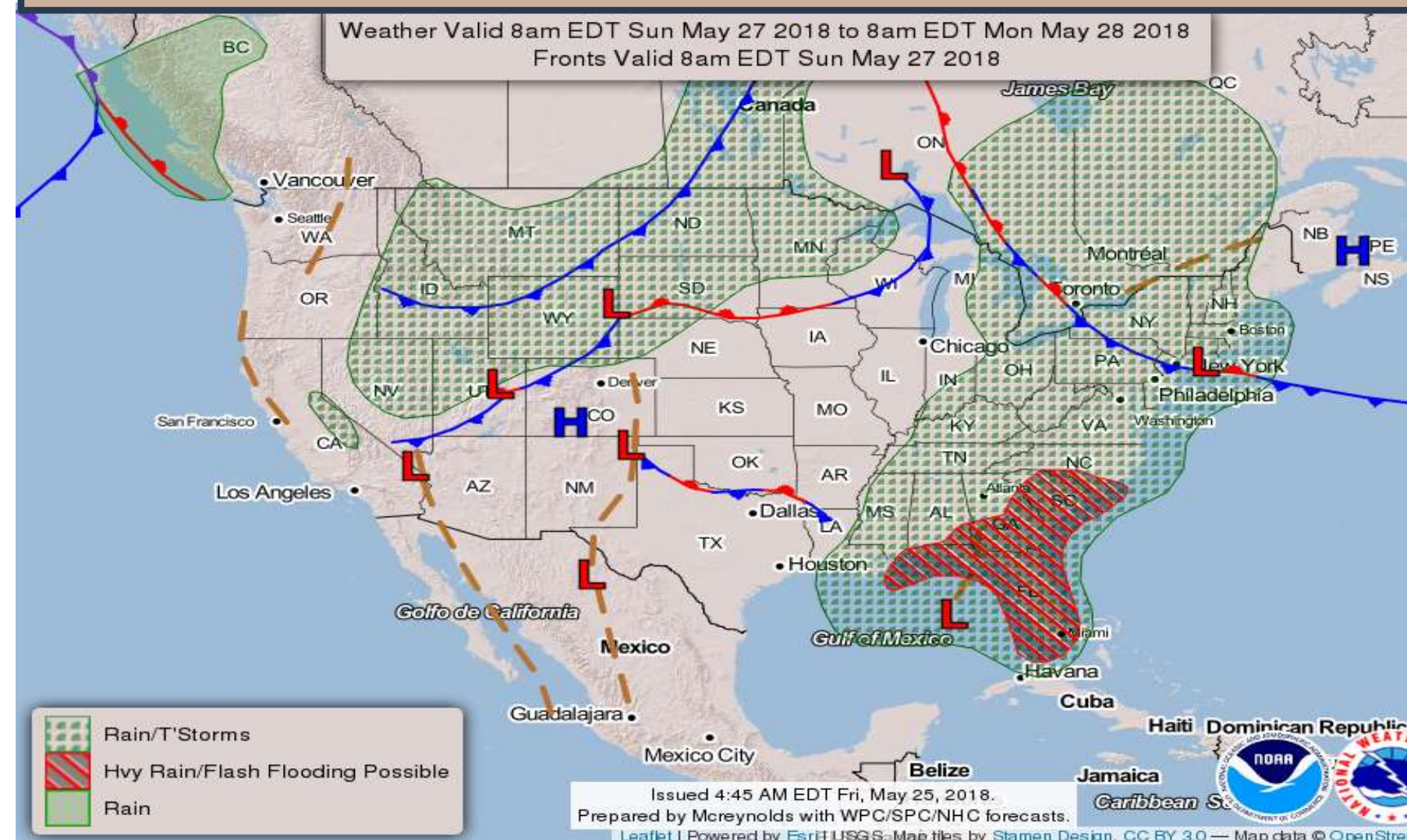
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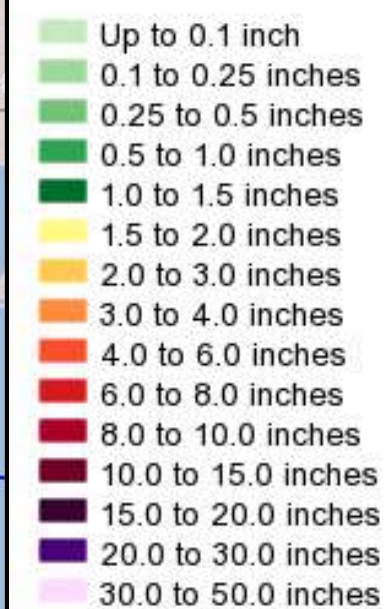
Elevated to critical fire weather conditions possible over much of NM.

Sunday's Weather

Forecast Chart

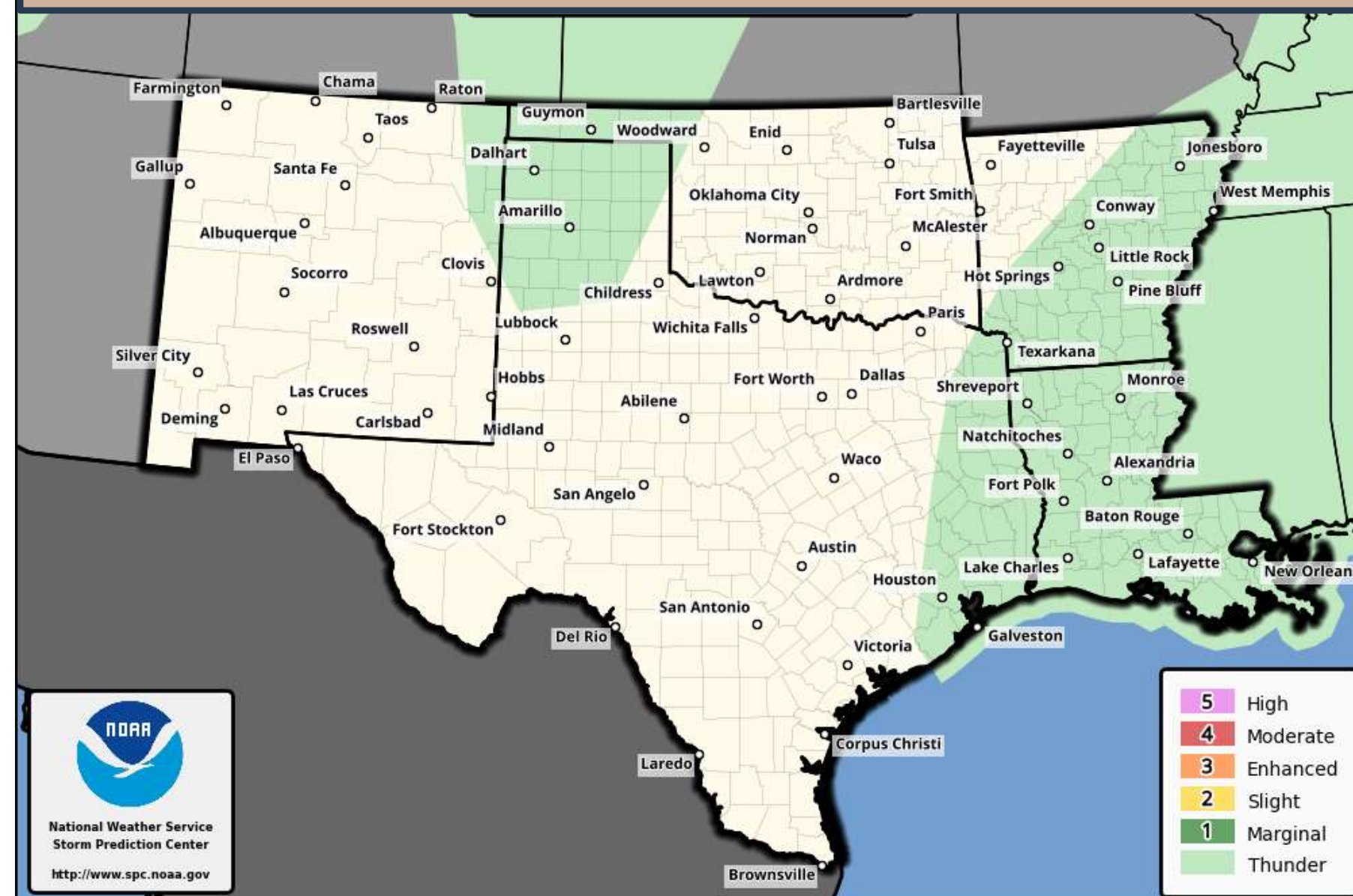


Forecast Rainfall



Graphic Created
May 25th, 2018

Severe Weather Outlook



Excessive Rainfall Outlook



Graphic Created



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Increasing confidence in a tropical or subtropical system approaching the central or eastern Gulf Coast late Sunday into Monday.

If the track of this system shifts any further west, there is a possibility of some heavy rain as far west as SE LA, but with the current forecast, that chance is low at this time.

Monday - Tuesday



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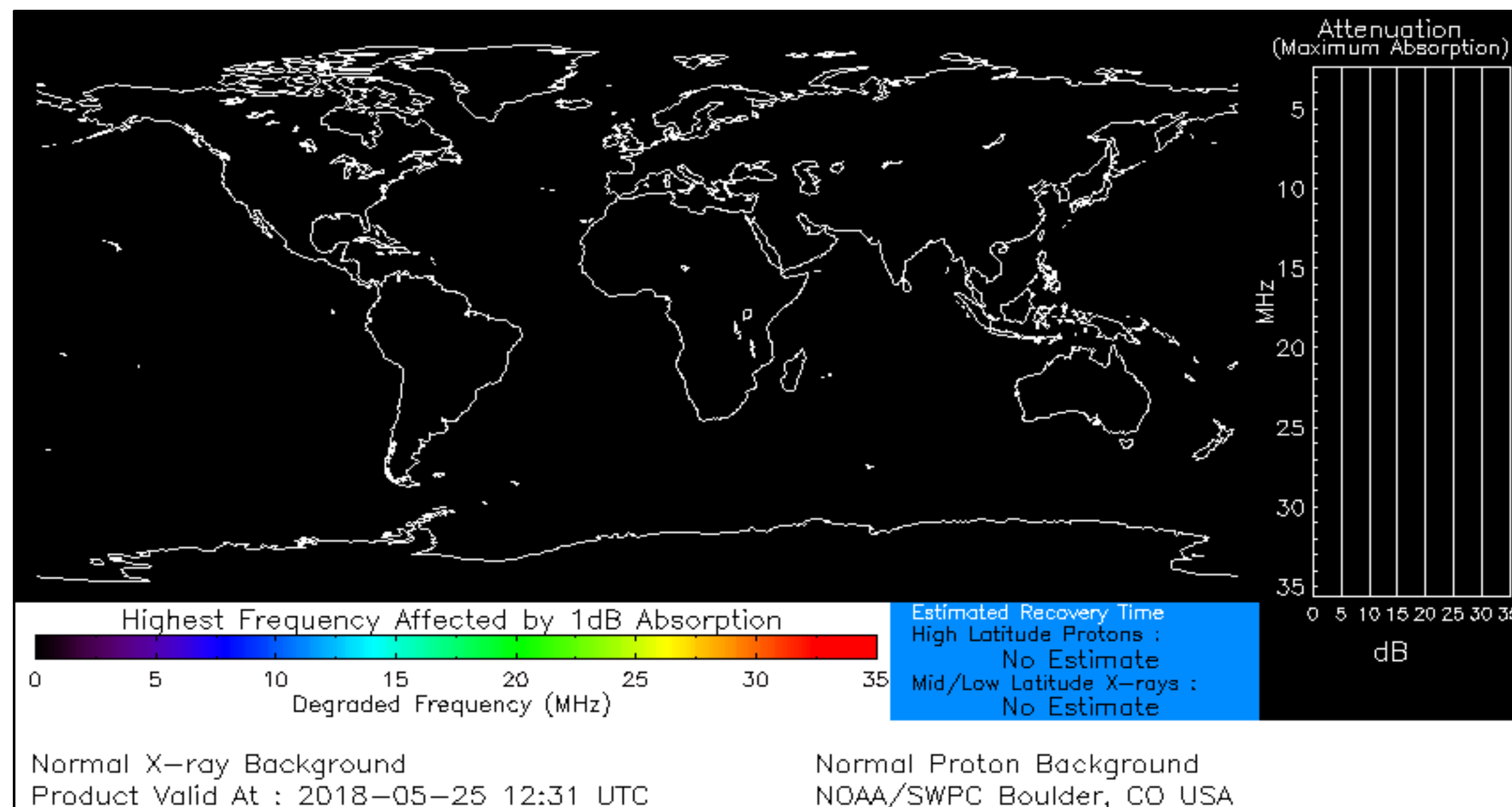
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the last slide in this briefing.***

Space Weather 3-Day Forecast



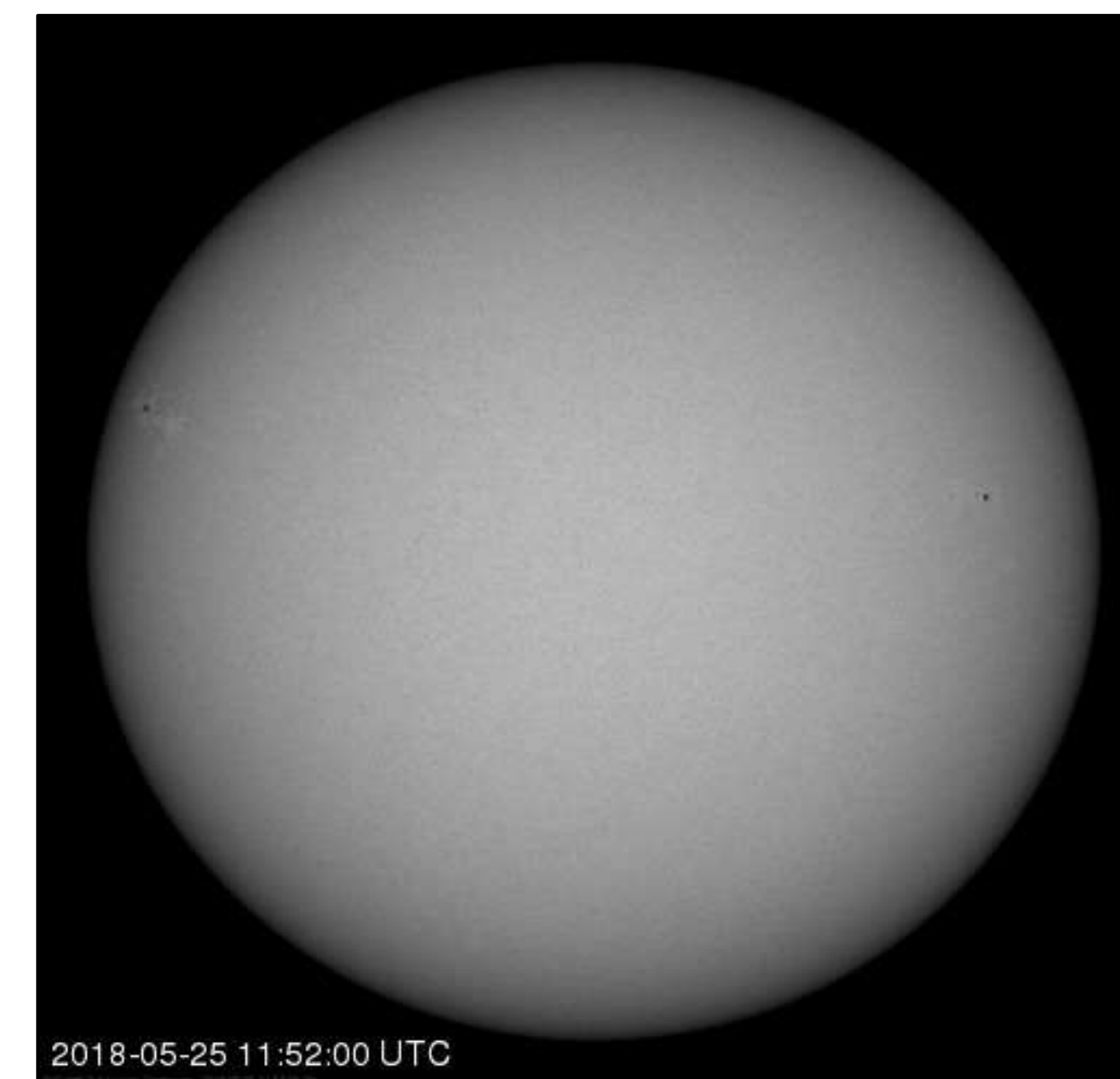
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)



2018-05-25 11:52:00 UTC



For more information, please contact:

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Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov